# FIGURE 1

| GAGCTCGGAT CCACTACTCG ACCCACGCGT CCGGCCAGGA CCTCTGTGAA CCGGTCGGGG   | 60  |
|---|-----|
| CGGGGGCCGC CTGGCCGGGA GTCTGCTCGG CGGTGGGTGG CCGAGGAAGG GAGAGAACGA   | 120 |
| TOGOGGAGCA GGGCGCCGA ACTOCGGGCG COGCGCC ATG CGC CGG GCC AGC CGA<br>Met Arg Arg Ala Ser Arg<br>1 5   | 175 |
| GAC TAC GGC AAG TAC CTG CGC AGC TCG GAG GAG ATG GGC AGC GGC CCC Asp Tyr Gly Lys Tyr Leu Arg Ser Ser Glu Glu Met Gly Ser Gly Pro  10 15 20             | 223 |
| GGC GTC CCA CAC GAG GGT CCG CTG CAC CCC GCG CCT TCT GCA CCG GCT Gly Val Pro His Glu Gly Pro Leu His Pro Ala Pro Ser Ala Pro Ala 25 30 35              | 271 |
| CCG GCG CCG CCA CCC GCC GCC TCC CGC TCC ATG TTC CTG GCC CTC CTG Pro Ala Pro Pro Pro Ala Ala Ser Arg Ser Met Phe Leu Ala Leu Leu 40 45 50              | 319 |
| GGG CTG GGA CTG GGC CAG GTG GTC TGC AGC ATC GCT CTG TTC CTG TAC  Gly Leu Gly Leu Gly Gln Val Val Cys Ser Ile Ala Leu Phe Leu Tyr  55 60 65 70         | 367 |
| TTT CGA GCG CAG ATG GAT CCT AAC AGA ATA TCA GAA GAC AGC ACT CAC Phe Arg Ala Gln Met Asp Pro Asn Arg Ile Ser Glu Asp Ser Thr His 75 80 85              | 415 |
| TGC TTT TAT AGA ATC CTG AGA CTC CAT GAA AAC GCA GGT TTG CAG GAC Cys Phe Tyr Arg Ile Leu Arg Leu His Glu Asn Ala Gly Leu Gln Asp 90 95 100             | 463 |
| TCG ACT CTG GAG AGT GAA GAC ACA CTA CCT GAC TCC TGC AGG AGG ATG Ser Thr Leu Glu Ser Glu Asp Thr Leu Pro Asp Ser Cys Arg Arg Met 105 110 115           | 511 |
| AAA CAA GCC TTT CAG GGG GCC GTG CAG AAG GAA CTG CAA CAC ATT GTG<br>Lys Gln Ala Phe Gln Gly Ala Val Gln Lys Glu Leu Gln His Ile Val<br>120 125 130     | 559 |
| GGG CCA CAG CGC TTC TCA GGA GCT CCA GCT ATG ATG GAA GGC TCA TGG<br>Gly Pro Gln Arg Phe Ser Gly Ala Pro Ala Met Met Glu Gly Ser Trp<br>135 140 145 150 | 607 |
| TTG GAT GTG GCC CAG CGA GGC AAG CCT GAG GCC CAG CCA TII GCA CAC<br>Leu Asp Val Ala Gln Arg Gly Lys Pro Glu Ala Gln Pro Phe Ala His<br>155 160 165     | 655 |
| CTC ACC ATC AAT GCT GCC AGC ATC CCA TCG GGT TCC CAT AAA GTC ACT<br>Leu Thr Ile Asn Ala Ala Set Ile Pro Ser Gly Ser His Lys Val Thr                    | 703 |

# FIGURE 1 (Con't)

| ACG TTA AGC AAC GGA AAA CTA AGG GTT AAC CAA GAT GGC TTC TAT TAC Thr Leu Ser Asn Gly Lys Leu Arg Val Asn Gln Asp Gly Phe Tyr Tyr 200 205 210           | 799     |
|---|---------|
| CTG TAC GCC AAC ATT TGC TTT CGG CAT CAT GAA ACA TCG GGA AGC GTA<br>Leu Tyr Ala Asn Ile Cys Phe Arg His His Glu Thr Ser Gly Ser Val<br>215 220 225 230 | 847     |
| CCT ACA GAC TAT CTT CAG CTG ATG GTG TAT GTC GTT AAA ACC AGC ATC Pro Thr Asp Tyr Leu Gln Leu Met Val Tyr Val Val Lys Thr Ser Ile 235 240 245           | 895     |
| AAA ATC CCA AGT TCT CAT AAC CTG ATG AAA GGA GGG AGC ACG AAA AAC Lys Ile Pro Ser Ser His Asn Leu Met Lys Gly Gly Ser Thr Lys Asn 250 255 260           | 943     |
| TGG TCG GGC AAT TCT GAA TTC CAC TTT TAT TCC ATA AAT GTT GGG GGA Trp Ser Gly Asn Ser Glu Phe His Phe Tyr Ser Ile Asn Val Gly Gly 265 270 275           | 991     |
| TTT TTC AAG CTC CGA GCT GGT GAA GAA ATT AGC ATT CAG GTG TCC AAC Phe Phe Lys Leu Arg Ala Gly Glu Glu Ile Ser Ile Gln Val Ser Asn 280 285 290           | 1039    |
| CCT TCC CTG CTG GAT CCG GAT CAA GAT GCG ACG TAC TTT GGG GCT TTC Pro Ser Leu Leu Asp Pro Asp Gln Asp Ala Thr Tyr Phe Gly Ala Phe 300 300 310           | 1087    |
| AAA GTT CAG GAC ATA GAC T GAGACTCATT TCGTGGAACA TTAGCATGGA<br>Lys Val Gln Asp Ile Asp<br>315  | 1136    |
| TGTCCTAGAT GTTTGGAAAC TTCTTAAAAA ATGGATGATG TCTATACATG TGTAAGACT  | 'A 1196 |
| CTAAGAGACA TGGCCCACGG TGTATGAAAC TCACAGCCCT CTCTCTTGAG CCTGTACAG  | G 1256  |
| TTGTGTATAT GTAAAGTCCA TAGGTGATGT TAGATTCATG GTGATTACAC AACGGTTTT  | A 1316  |
| CAATTTGTA ATGATTCCT AGAATTGAAC CAGATTGGGA GAGGTATTCC GATGCTTAT  | G 1376  |
| AAAAACTTAC ACGTGAGCTA IGGAAGGGGG TCACAGTCIC IGGGTCTAAC CCCIGGACA  | т 1436  |
| GFGCCACTGA GAACCTIGAA AIIAAGAGGA TGCCATGTCA IIGCAAAGAA ATGATAGTG  | T 1496  |
| GAAGGGTTAA GTTCTTTTGA ATTGTTACAT TGCGCTGGGA CCTGCAAATA AGTTCTTTT  | т 1556  |
| TTCTAATGAG GAGAGAAAA TATATGTATT TTTATATAAT GTCTAAAGTT ATATTTCAG   | G 1616  |
| TSTAATGTTT TCTGTGCAAA GTTTTGTAAA TTATATTTGT GCTATAGTAI TTGATTCAA  | A 1676  |

### FIGURE 1 (Con't)

| TCAAAACTAT | GCAAGCAAAA | TAAATAAATA | AAAATAAAAT | GAATACCTTG | AATAATAAGT | 1916 |
|------------|------------|------------|------------|------------|------------|------|
| AGGATGTTGG | TCACCAGGTG | CCTTTCAAAT | TTAGAAGCTA | ATTGACTTTA | GGAGCTGACA | 1976 |
| TAGCCAAAAA | GGATACATAA | TAGGCTACTG | AAATCTGTCA | GGAGTATTTA | TGCAATTATT | 2036 |
| GAACAGGTGT | CTTTTTTTAC | AAGAGCTACA | AATTGTAAAT | TTTGTTTCTT | TTTTTTCCCA | 2096 |
| TAGAAAATGT | ACTATAGTTT | ATCAGCCAAA | AAACAATCCA | CTTTTTAATT | TAGTGAAAGT | 2156 |
| ТАТТТТАТТА | TACTGTACAA | TAAAAGCATT | GTCTCTGAAT | GTTAATTTTT | TGGTACAAAA | 2216 |
| AATAAATTTG | TACGAAAACC | TGAAAAAAAA | AAAAAAAA   | AAAAAAGGG  | CGGCCGCTCT | 2276 |
| AGAGGGCCCT | ATTCTATAG  |            |            |            |            | 2295 |

# Expression of 32D-F3 in COS-7 Cells



# OPG Binding Protein Expression in Human Tissues

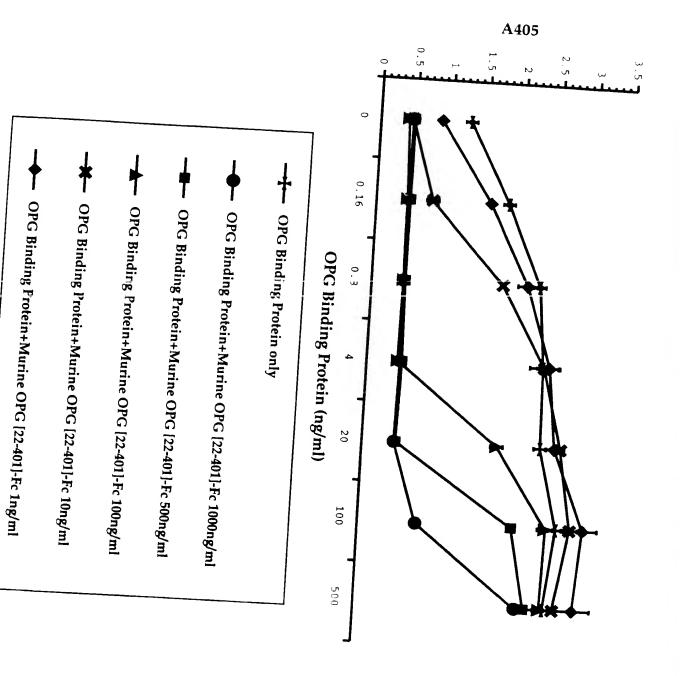
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- 4.4 kb -
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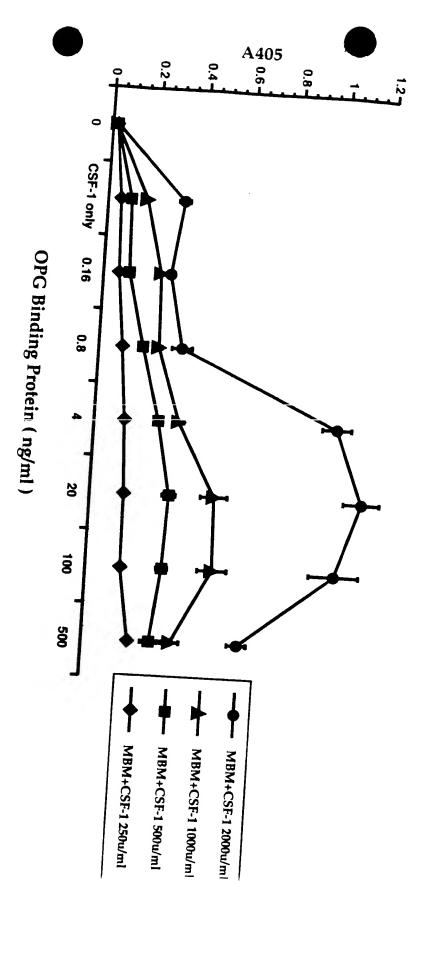
# FIGURE 4

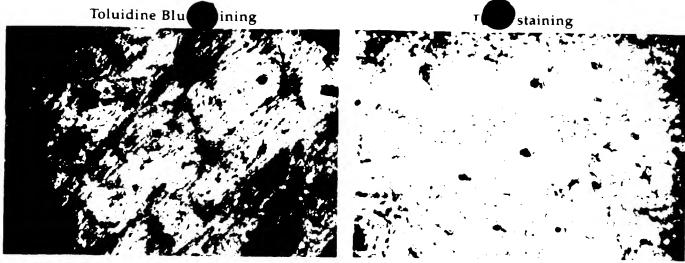
| 5 5 . 1/1/P        |                      |               |              |               |              | 3                   |                   |           |           |           |              |                    | 1. 🧠                |                   |                |
|--------------------|----------------------|---------------|--------------|---------------|--------------|---------------------|-------------------|-----------|-----------|-----------|--------------|--------------------|---------------------|-------------------|----------------|
| AAGCT              | . (ili.,             | ACCG/         | AGC'1 (      | igga:         | rcca         |                     |                   | videt.    | 'ACG      | lCGT      | 'CCC         | icge               | GCCC                | CAG               | JAGC           |
| AA.AGC             | CGGG                 | TTCC?         | AAGTO        | cagai         | accc         | g<br>CACG           | G<br>TCGA         | .GGC      | rgc       | GCC       | ge;          | GCC                | i<br>Tõed           | ĠA <sub>Ġ</sub> r | n i gg         |
| CGCAG.             | 13<br>AČAA           |               | GGAC         | GGA           | JCGG         | 15<br>GAGA          | i<br>GUGA         | GGA       | . JAG     | CTC       | cs.          | :<br>LAGC          | r i<br>Haga         | الأائ             | CCGAG          |
| CGCCA<br>M         | 19<br>PGC H<br>R     | CGC.          | CCAC<br>S S  | CAG;<br>R     | AGAC<br>D    | 11<br>PACAC<br>f T  | 0<br>0 144<br>K   | ana<br>Y  | 3 3 m     | ggg<br>R  | :: 31.<br>-3 | z<br>zara<br>S     | HC<br>HCINO<br>HE   | ana:              | Yrodd<br>1 G   |
| CGGCG(<br>G G      | 25)<br>3000<br>P     | 2GGA:         | 0000<br>P    | GCAC          | GAĞ<br>E     | 17.<br>3GCC(<br>3 P | oper<br>L         | GCA<br>H  | C 3C<br>A | acc<br>P  | GCO<br>P     | ggd<br>P           | F #<br>FOCT<br>P    | GCGC<br>A F       | CGCX           |
| CCAGC(             | 31(<br>20000<br>P    |               | CCTC         | CCGC<br>R     | TCC/<br>S !  | 33)<br>ATGT:<br>4 P | ידבוניו           | GGC<br>A  | 000<br>1  | cēr<br>L  | G3G          | acon               | : ,)<br>3:30G<br>-3 | errene<br>De er   | igoez<br>Filip |
| GG FTGT<br>V V     | 370<br>PC PGC<br>C   | AĞCG          | TCGC<br>A    | t<br>cctc     | TTCT         | 39(<br>VPOTY<br>V Y | ,<br>manana       | CAG.<br>R | AGC(<br>A | JCA(<br>Q | GAT<br>M     | 41<br>GGA1<br>D    | . )<br>PCCT.<br>P : |                   |                |
| ATCAGA             | 43.č<br>NAGAT        | GGCA          | CTCA         | CTGC          | ATT          | 450<br>'ATAG        | IAAT′             | PTTC      | 3AGA      | ACT(      | CCA          | 41<br>TGAZ         | · ;<br>\AAT(        | CAG               | ATTT           |
| S S                | 490                  |               |              |               |              | 510                 | )                 |           |           |           |              | 6,7                |                     |                   |                |
| TCAAGA<br>Q D      | CACA<br>!            | ACTC'         | TGGA:<br>E   | GAGT<br>S     | CAAC<br>Q [  | IATA :              | AAA!<br>K         | NTTA<br>L | AATA<br>1 | ACC:      | IGA'         | ITCA<br>S          | . I'GTA             | AGGA<br>R         |                |
| T'AAAC'A<br>K Ç    | 55.0<br>.G:300<br>.A | TTTC.         | AAGG/<br>G   | AGCT<br>A     | GTGC<br>V Ç  | 57.1<br>'AAAA<br>K  | GGA <i>i</i><br>E | ATTA<br>L | ACAZ<br>Ç | CAT<br>H  | rano<br>I    | es<br>Turi<br>V    | GGAT                | CAC.              | AGCA<br>H      |
| CATCAG<br>I R      | 510<br>AGCA<br>A     | DAGAZ<br>E. K | AAGC0<br>A   | GATG(         | TGG<br>D     | 63.)<br>ATGG<br>G   | CTCA              | TGC<br>W  | TTA<br>L  | GAI<br>D  |              | 65<br>3300<br>A    |                     |                   | GCAA<br>K      |
| GCTTGA             | -570<br>AGCT         | TAGC          | TTT          | rgcto         | CATC         | 69 I<br>TCA/I       | TATT              | TAA'      | 'GCC      | 'ACC      | 'GA:         | 71<br>ATC          | ССАТ                | יביתרני           | <u> </u>       |
| L E                | A (                  | ) P           | F            | A I           | H :.         | T<br>75             | Ι                 | 11        | А         | T         | D            | :                  | I. S                | ڏ ڏ               | S              |
| CCATAA<br>H K      |                      | AGTCT         | GTCC<br>S    | S V           | TGGT.<br>V Y |                     | TGAT<br>D         | 'CGG<br>R | GGT<br>G  | TGG<br>W  | GCC<br>A     | 77<br>AAG<br>K     | ATCT                | CA!               |                |
| GACTTT             | 790<br>PAGC/<br>S 1  | AATGG         | AAAA         | CTA           | ATAG         | 81(<br>PTAA:        | TCAG              | GAT       | G30       | TTT       | TA I         | 83<br>TAC          | مايتانات            |                   |                |
|                    | 850                  |               |              |               |              | 875                 |                   |           |           |           |              | 93                 |                     | A                 | 11             |
| CATTTG(<br>I C     | F F                  | CACA<br>H     | Н            | GAAA<br>E T   | S            | 43                  | DAE-P<br>C.       | CTA<br>L  | GCT.<br>A |           |              | TAT<br>Y           | TTC                 | AACI<br>L         | 'AAT<br>M      |
| GTGTAC<br>V Y      | 910<br>CGTCA<br>V I  | CTAA<br>K     | AACC<br>T    | AGCA<br>S I   | TCA/<br>K    | 0 I AAA<br>1        | CCCA<br>P         | AGT'      | TCTC      | ZAT.<br>H | ACC<br>T     | 95<br>CTG/<br>L 1  | :<br>Vrga<br>: K    | AAGG<br>G         | AGG<br>G       |
| AGÇACO<br>S T      | 970<br>IAAGT         | : Amad        | TTCA         | GG IA         | ATTO         | 990<br>2007<br>11   | ige :             | IAT       | :         |           | ide<br>g     | 1004               | i 'v '()'           | rreki             | Ttrl           |
|                    |                      |               |              |               |              |                     |                   |           |           |           |              |                    |                     |                   |                |
| :<br>GATCCC<br>D P | GATC<br>D Q          | AGGA<br>D     | TGCA.<br>A   | ACAT<br>I Y   | 7 (          | TGGG                | kačiti<br>A i     | rti:      | \AAC      | ITT(      | 722          | ii3<br>GATZ<br>O I | . TAG.<br>Ď         | vrdg              | AGC            |
|                    | 150                  |               |              |               | 1            | 175                 |                   |           |           |           |              |                    |                     | V 1200            | 11 1. 1        |
| i<br>Zakaze        | ari<br>Arijan        | 577.57        | S. 4. 4. 1/2 | ومعام والمعمد |              | i di                |                   |           |           |           |              |                    |                     |                   |                |

# FIGURE 4 (Con't)

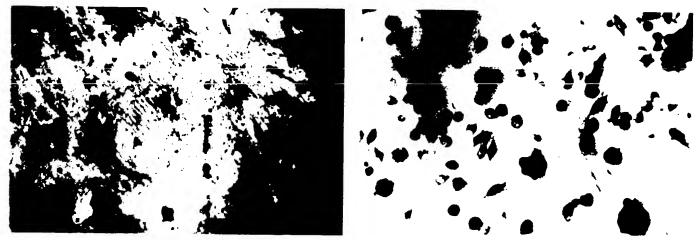
| 1340                            | -4-               | 1437                            |
|---------------------------------|-------------------|---------------------------------|
| CCAGATTOGAGCAATTACOGC           | FTGACCTTATGAGAAA  | CTGCATGTGGGCTATGGGAGGGG         |
| 1450                            | 1471              | 1490                            |
| TTGGTCCCTGGTCATGTGCCC           | CITCGCAGCIGAACTG  | GAGAGGGTGTCATCTAGCGCAAT         |
| 151:                            | 1930              | 195 Č                           |
| TGAAGGATCATCTGAAGGGGC           | AAATTOTTTTGAATTG  | TTACATUATGCTGGAAĆGTGGAA         |
| 1570                            | 1590              | 1610                            |
| AAAATACTTTTTCTAATGAGG           | AĞAĞAAAATATATGTA  | TTTTTATATATATOTAAAGTTA          |
| 1630<br>TATTTO AGA IGTAATGTTTTO |                   | 1673<br>AATTATATTTGTGCTATAGTATT |
| 1690                            | 1710              | 1730                            |
| TGATTCAAAATATTTAAAAAT           | GTCTTGCTGTTGACAT  | ATTTAATGTTTTAAATGTACAGA         |
| : 750                           | 177)              | 1790                            |
| CATATTTAADTGGTGCACTTT           | GTAAA FTOOCTGGGGA | AAACTTGCAGCTAAGGAGGGGAA         |
| 131)                            | 1830              | 1350                            |
| AAAAATGTTGTTTCCTAATAT           | CAAATGCAGTATATTT  | CTTCGTTCTTTTAAGTTAATAG          |
| 187)                            | 1890)             | 1910                            |
| ATTTTTCAGACTTGTCAAGO            | CTGTGCAAAAAATTA   | AAATGGATGCCTTGAATAATAAG         |
| 193)                            | 195)              | 1970                            |
| CAGGATGTTGGCCACCAGGTGG          | CTTTCAAATTTAGAA   | ACTAATTGACTTTAGAAAGCTGA         |
| 199)                            | 2015              | 2030                            |
| CATTGCCAAAAAGGATACATAA          | ATGGGCCACTGAAATC  | FGTCAAGAGTAGTTATATAATTG         |
| U050                            | 2070              | 2090                            |
| TTCAACAGGTGTTTTTCCACAA          | AGTGCUGCAAATTGTAG | CCTTT FT TTT TTCAAAATAG         |
| 2210                            | 2130              | 2150                            |
| AAAAGTTATTAGTGGTTTATCA          | GCAAAAAAGTCCAATT  | TTTAATTTAGTAAATGTTATCTT         |
| 2170                            | 219(              | 2210                            |
| ATACTGTACAATAAAAACATTG          | CCTTTGAATGTTAAT1  | TTTTTGGTACAAAAATAAATTTA         |
| 2230                            | 2250              | 2270                            |
| TATGAAAAAAAAAAAAAAAGGG          | CGGCCGCTCTAGAGGC  | SCCCTATTCTATAG                  |



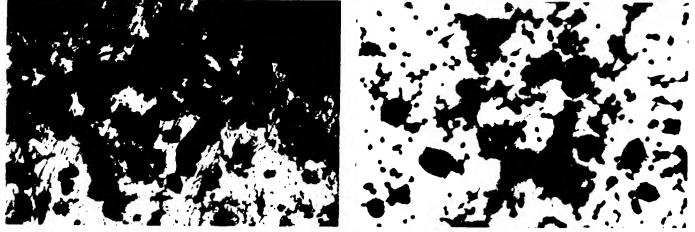




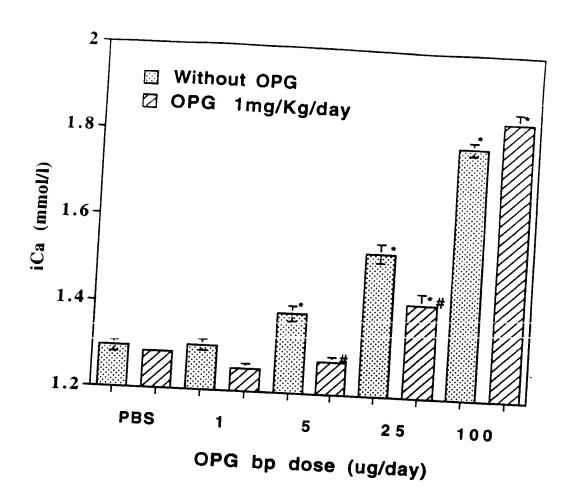
Bone Marrow Cells + M-CSF-1



Bone Marrow Cells + OPG Binding Protein



Bone Marrow Cells + M-CSF-1 +OPG Binding Protein



PBS

OPGbp 5ug/d







OPGbp 25ug/d

OPGbp100ug/d

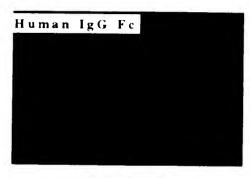




# Figure 10. Murine ODAR cDNA sequence

| 110 110 110 110 110 110 110 110 110 110  | TO POPE A CARCATECTTE CAGAAGAC COTTECT TO A GALVATOR OF THE TEST CONTROL OF THE C | A 3 5 H S A                | Tracette AATCATCA  W N D A  950 | 066.200 A I I A                    | 670<br>SACTENCOTECTORO | F S D V V  | TO C TO P                 | P N T E C 490  | F F R C A           | H F V C D                         | FIG. 10 P. C. C. D. D. C. C. D. C. C. D. C. C. C. D. C. C. C. D. C. | C V T P P  ACATO CAACCAG   | 20 Paragraph of the control of the c |
|--|--|----------------------------|---------------------------------|------------------------------------|------------------------|--|---------------------------|----------------|---------------------|-----------------------------------|---|----------------------------|--|
| 110 2 TUTTER CEPTOR TROUTE CONTROL 110 2 TUTTER CEPTOR TROUTE CONTROL 170 230 230 270 270 270 270 270 270 270 270 270 27   | M V P 1  | A T S                      | TOOTTON ACTACT  A C S S         | TTACTACAGG                         | FICTICATICETT          | LALICA STATE OF THE NATIONAL STATE OF THE NA | C L L                     | A P G          | C T A               | ATOCAGGGAAG<br>A G K              | CCGATGACTAC   | P C T Q                    | CATCA ACCA   |
| TROTTEGTTECTAGTECANTEL  L V E L V TO TO THE  | SAAGACGGTGG<br>EDGA<br>990   | AGTCAGCAAG                 | CTAAGTGGAA<br>L S G N<br>870    | 750<br>AAGGGAGGA<br>K G G K<br>810 | CLUCLICALA<br>690      | 630<br>TCCATGACAC  | CTCCTTGGAA                | F G A Q 510    | G Y H W             | 330<br>ACCCTGGTGG<br>A L V A      | 270 TTGGACACCT L D T W  | E R H 1 210 TICCTCTAACT    | 90 BUTCHERITE L C V J 150  |
| TITCH NEW TOTAL ACTIVATE ACTIVATION OF REGENERAL TO S 290  ACTIVATA ACTIVATOR OF RECENTION OF RECENT OF RE | TGGAGTCTG<br>G V C   | AAGTGTGTGA<br>V C E        | ATAAGGAGTO                      | AAGCGCTGAC                         | TCATCTCTGT             | L E A  | D V F                     | H P L          | GGAACTCAGA<br>N S D | KOGOTOGATCO<br>V D P              | CGAATGAAGA  | CCACTCCTAC                 | TATCACCATTC  |
|  | TGGGCCTRITG<br>G P 1/  | AGGTATCITA<br>G I L<br>950 | CTCAGGGGAC<br>S G D<br>890      | 770 AGCTAATITIC A N L 830          | P K E 710 GGTAGTAGTY   | H Q G 650 ACCCAAGGAC   | S S T<br>590<br>ACACCAGGG | Q I. N<br>S 30 | C E C               | 350<br>TIGGCAACCA<br>G N H<br>410 | S D S 290 VAGATAAAATG D K C   | G R C<br>230<br>"CTCCGACAG | 110<br>ACTGCAGT<br>170   |

| TECTTOCAGTIGACCTCCTCCTCCTCCTCCTAGC  G. A. Q. T. S. L. H. T. Q. G. S. G. Q. C. A. E.  1930  TTCTTCTCTCAGCTCAGGTCAGGGCACCAGTGCCTTTTCCAAAAAACATGGTGACCTAACATGACCTAACACTAACACTAACACTACCTCACCTCACCTCACCTGCAACACATGCTGACATGATGAAACACCAACCTCCTCACCTCACCTCACCTGCACACCTCCTCACCTGCACACCTCCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCCACCTCACCTCCACCTCACCTCCACCTCACCTCCACCTCCCTCACCTCCCTCACCTCCCTACCTCCCTCCCTCACCTCCCTCCCTCACCTCCCTCCCTACCTCCCTACCTCCCTACCTCCCTCCCTACCTCCCTCCCTCCCTCCCTACCTCCCTACCTCCCTACCTCCCTCCCTCCCTCCCTCCCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTCCCTCCCTCCCTCCCTACCTCCCTACCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTACCTCCCTACCTCCCTACCTCCCTCCCTCCCTCCCTACCTCCCTCCCTACCTCCCTACCTCCCTCCCTACCTCCCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCCTACCTCCT | GAGACTECETTTGCGGGCACCGCCGCCTTCCCCGACGTCTCTGGCACCGCCXXTGGAGG  D.S.F. A. G.T. A. P. R. P. P. D. V. C. A. T. G. A. G. L.  1810  1830  TGCAGGAGGCGAGGGGCACCCCGGCAGAAGGACGGGACATCGCGACACCAGGAGAGAGA | ACTICARGAGICAGAGCCCGTTCGCCACCCCCACCCCCCCCCCCCCC  | 10  GAAATTSTVSGACCATTVSCCCCE  K C G P L P Q  70  149  CAGCATCSCCAGACGCGGAGG  S M A E A G V  30  159  GTVCGGGAAGCTTCCCCAGTKG  S G S S P S D  90  161 | COTTGGGTCAGCTCCAACGCTCCAACAGACTGACCTCCCCCCCC                                      | TT-ACAC GE AANGANGACCTPCTCGAGNEAACACTTCO A A ANDA NATURACTA ANGAC CAU  F T Q G D L S P K I P T E D F Y T D P F  1090 CCTCGCAGGCCTTGGACTGGTTCACTCCTAATCCAAACAAA |
|--|--|--|---|---|--|
| E E E E E E E E E E E E E E E E E E E  | ACCESARACTICANA T G A G L 850 BTCACAGAGCAGG U D G G G 910  | CONTRACTOR  CONTRA | 430 CAGTESTCACTACA CAGTESTCACCTACA CAGTACGACCCACCTCACA CAGTACGACCACCTCACCT  | NACAGAACTICACT S R T D S 1810  TGACAGTIVECTYC D S C L P D S C L P 1870  N T P G E | Y T D P 130 AAATCTATACC K S I P 190 TOTTTCACCC C P T G 250   |







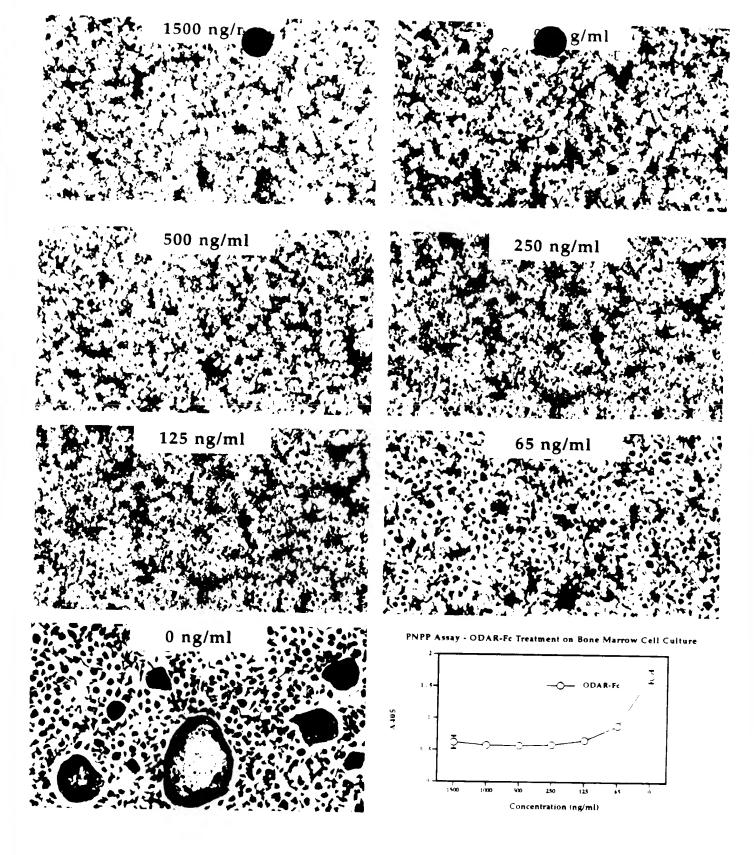
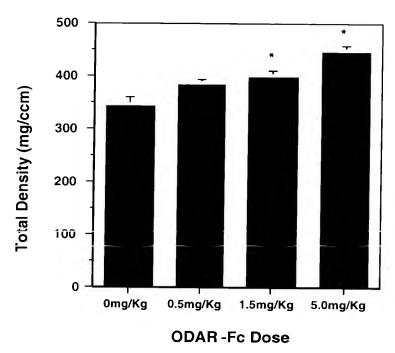


FIGURE ...

FIGURE 13



\* Different to vehicle treated control p < 0.05.